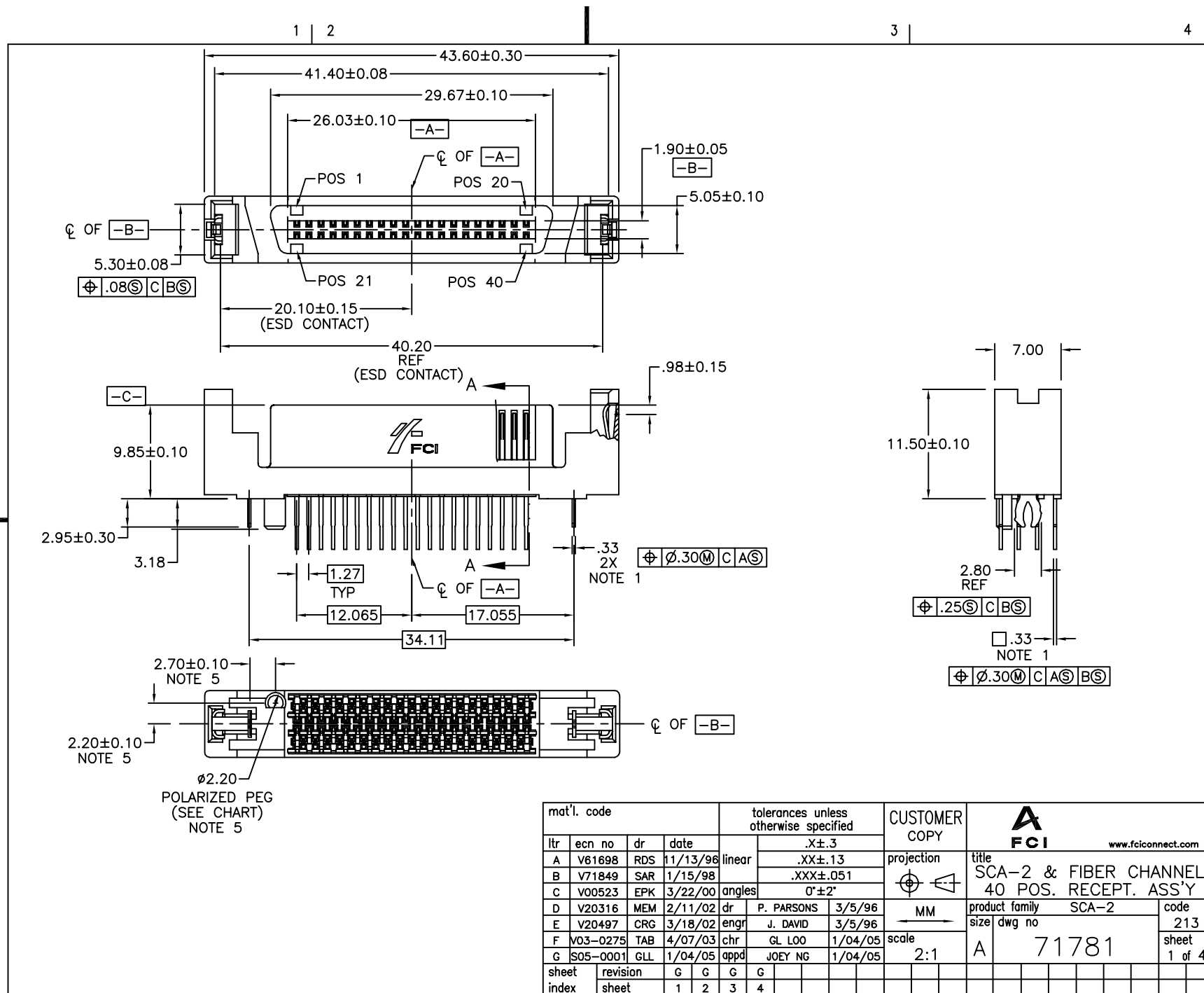


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ltr	ecn no	dr	date					projection		title	www.fciconnect.com
A	V61698	RDS	11/13/98	linear		.X±.3		MM		SCA-2 & FIBER CHANNEL	
B	V71849	SAR	1/15/98			.XX±.13		scale		40 POS. RECEPT. ASS'Y	
C	V00523	EPK	3/22/00	angles		.XXX±.051		2:1		product family	code
D	V20316	MEM	2/11/02	dr	P. PARSONS	3/5/96				SCA-2	213
E	V20497	CRG	3/18/02	enrg	J. DAVID	3/5/96				size	dwg no
F	V03-0275	TAB	4/07/03	chr	GL L00	1/04/05				A	71781
G	S05-0001	GLL	1/04/05	appd	JOEY NG	1/04/05				sheet	1 of 4
sheet	revision	G	G	G	G						
index	sheet	1	2	3	4						

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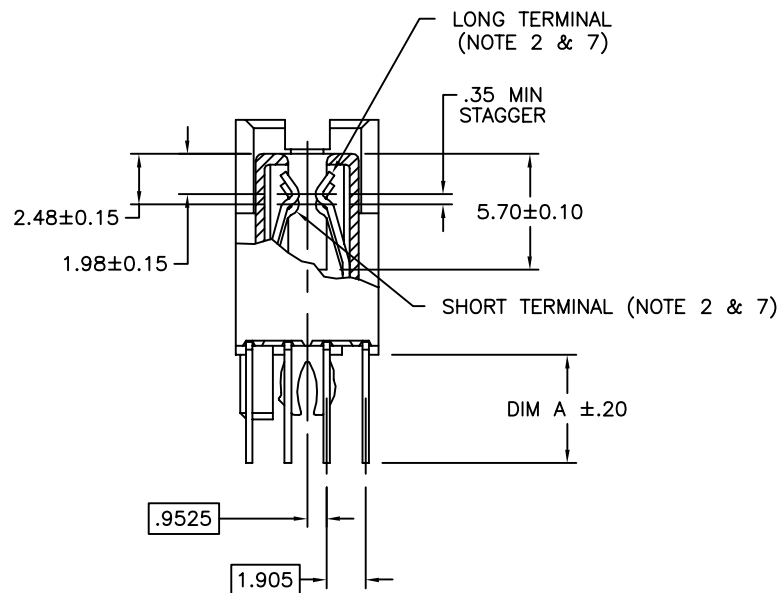
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SECTION A-A

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ltr	ecn no	dr	date	linear	.X±.3		projection 		title SCA-2 & FIBER CHANNEL 40 POS. RECEPT. ASS'Y	
G					.XX±.13					
					.XXX±.051					
				angles	0°±2°		scale 3:1	A	product family SCA-2 size dwg no 71781 code 213 sheet 2 of	
				dr	P. PARSONS	3/5/96				
				enrg	J. DAVID	3/5/96				
				chr	GL L00	1/04/05				
				appd	JOEY NG	1/04/05				
sheet index	revision sheet									

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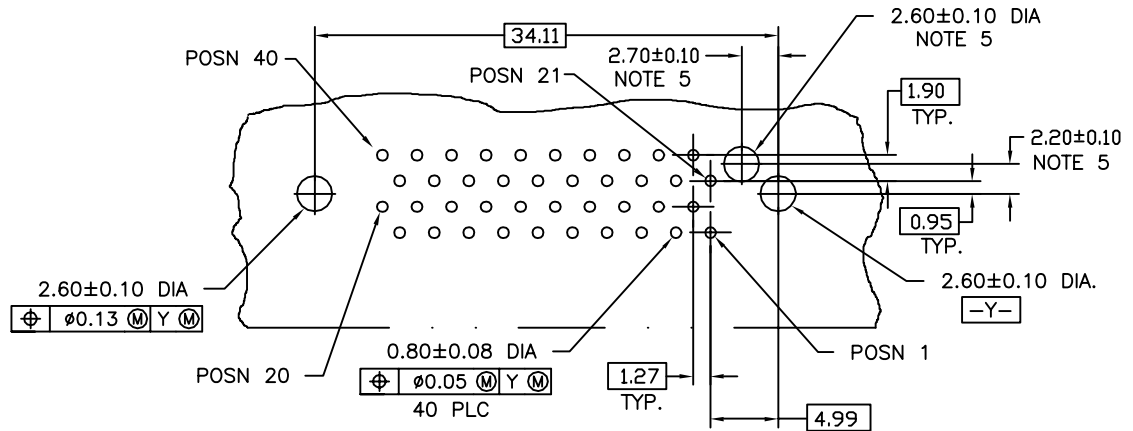
STATUS:Released

Printed: Mar 11, 2011

PRODUCT NO.	"A" DIM	POLARIZATION PEG	RECOMMENDED P.C. BOARD THICKNESS	PLATING	CONTACT POSITIONS
71781-001	2.79	YES	1.57mm (0.062")	SEE NOTE 4	SEE NOTE 2
-002	2.79	NO			
-003	3.18	YES	2.36mm (0.093")		
-004	3.18	NO			
-005	4.06	YES	3.18mm (0.125")		
-006	4.06	NO			
71781-007	3.18	YES	2.36mm (0.093")	SEE NOTE 4	SEE NOTE 7
71781-101	2.79	YES	1.57mm (0.062")	SEE NOTE 6	SEE NOTE 2
-102	2.79	NO			
-103	3.18	YES	2.36mm (0.093")		
-104	3.18	NO			
-105	4.06	YES	3.18mm (0.125")		
71781-106	4.06	NO			

NOTES :

- TRUE POSITION NOTES APPLY AT TERMINAL TIP.
- CONTACTS IN POSITIONS 1 THRU 20,24,25,27,28, 30, 31, 33, AND 34 ARE SHORT TERMINALS. CONTACTS IN POSITIONS 21, 22, 23, 26, 29, 32, AND 35 THRU 40 ARE LONG TERMINALS.
- RAW MATERIALS:
HOUSING: HTN, UL94V-0, COLOR: BLACK
CONTACTS: PHOSPHOR-BRONZE
- CONTACT PLATING: 30u" (0.76um) MIN. GXT PLATING OVER 50u" (1.27um) NICKLE MIN. UNDERPLATE IN CONTACT AREA. 100u" (2.54um) MIN. TIN-LEAD PLATING OVER 50u" (1.27um) MIN. NICKLE UNDERPLATE IN P.C. BOARD LEG AREA. 50u" (1.27um) MIN. NICKLE UNDERPLATE OVER REMAINING AREA.
- DIMENSIONS DO NOT APPLY TO CONNECTOR STYLES WITHOUT POLARIZATION PEG. (SEE CHART)
- CONTACT PLATING: 30u" (0.76um) MIN. GOLD PLATING OVER 50u" (1.27um) NICKLE MIN. UNDERPLATE IN CONTACT AREA. 100u" (2.54um) MIN. TIN-LEAD PLATING OVER 50u" (1.27um) MIN. NICKLE UNDERPLATE IN P.C. BOARD LEG AREA. 50u" (1.27um) MIN. NICKLE UNDERPLATE OVER REMAINING AREA.
- CONTACTS IN POSITIONS 1 THRU 21, 24, 25, 30-32, 35 & 40 ARE LONG TERMINALS. CONTACTS IN POSITIONS 22, 23, 26, 27, 28, 29, 33, 34, 36-39 ARE SHORT TERMINALS.



RECOMMENDED PC BOARD MOUNTING DIMENSIONS COMPONENT SIDE

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ltr	ecr no	dr	date	linear	.X±.3			
G					.XX±.13	projection	 MM	
					.XXX±.051			
				angles	0°±2°		 2:1	
				dr	P. PARSONS 3/5/96			
				enrg	J. DAVID 3/5/96		product family SCA-2 size dwg no 71781	
				chr	GL L00 1/04/05			
				appd	JOEY NG 1/04/05		code 213 sheet 3 of	
sheet index	revision sheet							

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B

1		2		3		4			
PRODUCT NO.	"A" DIM	POLARIZATION PEG	RECOMMENDED P.C. BOARD THICKNESS	PLATING	CONTACT POSITIONS				
71781-001LF	2.79	YES	1.57mm (0.062")	SEE NOTE 9	SEE NOTE 2				
-002LF	2.79	NO							
-003LF	3.18	YES	2.36mm (0.093")						
-004LF	3.18	NO							
-005LF	4.06	YES	3.18mm (0.125")						
-006LF	4.06	NO							
71781-007LF	3.18	YES	2.36mm (0.093")	SEE NOTE 9	SEE NOTE 7				
71781-101LF	2.79	YES	1.57mm (0.062")	SEE NOTE 8	SEE NOTE 2				
-102LF	2.79	NO							
-103LF	3.18	YES	2.36mm (0.093")						
-104LF	3.18	NO							
-105LF	4.06	YES	3.18mm (0.125")						
71781-106LF	4.06	NO							

NOTES :

- ⑧ CONTACT PLATING: 30u" (0.76um) MIN. GOLD PLATING OVER 50u" (1.27um) NICKLE MIN. UNDERPLATE IN CONTACT AREA. 100u" (2.54um) – 200u" (5.08um) TIN PLATING OVER 50u" (1.27um) – 100u" (2.54um) NICKEL UNDERPLATE IN P.C. BOARD LEG AREA. 50u" (1.27um) NICKEL UNDERPLATE OVER REMAINING AREA.
- ⑨ CONTACT PLATING: 30u" (0.76um) MIN. GXT PLATING OVER 50u" (1.27um) NICKLE MIN. UNDERPLATE IN CONTACT AREA. 100u" (2.54um) – 200u" (5.08um) TIN PLATING OVER 50u" (1.27um) – 100u" (2.54um) NICKLE UNDERPLATE IN P.C. BOARD LEG AREA. 50u" (1.27um) NICKLE UNDERPLATE OVER REMAINING AREA.
- ⑩ THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57mm MINIMUM THICK CIRCUIT BOARD.
- ⑪ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

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ltr	ecn no	dr	date	linear	.X±.3	projection		title	SCA-2 & FIBER CHANNEL 40 POS. RECEPT. ASS'Y
G					.XX±.13				
					.XXX±.051				
				angles	0°±2°		product family SCA-2 size dwg no	A	71781
				dr	P. PARSONS 3/5/96				
				engr	J. DAVID 3/5/96				
				chr	GL L00 1/04/05	scale	2:1		
				appd	JOEY NG 1/04/05				
sheet index	revision sheet								

A

B

1 | 2

3

4

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